



Procedure Owner: Unix Admin Dept	Effective Date: [Eff Date]	Identifier: PRO0581-011
Procedure Name: Change IP and Hostname on AIX	Page: 1 of 4	Revision: Draft
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DRAFT

1. PURPOSE

Establish a standard process for changing IP addresses and hostnames on AIX servers.

2. SCOPE AND APPLICABILITY

All servers running an AIX operating system will use this procedure to change IP addresses and hostnames.

3. PROCEDURE

Changes made to IP addresses and hostnames on Solaris servers will be completed using these procedures.

3.1 Information

The following additional information is pertinent:

3.1.1 *Related Documents*

- a. Unix Admin Department Naming Standards document.

3.1.2 *Forms*

- a. None

3.1.3 *Audience*

- a. Unix System Administrators

3.1.4 *Assumptions*

- a. The User is a Unix System Administrator.
- b. The User has a knowledge of OS commands.

3.1.5 *Approvals*

- a. None

3.1.6 *Change Management Requirements*

- a. ?

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3.1.7 *Impact*

?

3.2 Working with IP Addresses and Hostnames

3.2.1 *Unmount File Systems*

Step 1:

Display all mounted file systems:

```
showmount
```

Step 2:

Unmount any non-local file systems that are mounted:

```
umount #####      (#=mount name)
```

Step 3:

Bring up the configuration menu:

```
smitty tcpip
```

Step 4:

Select **further configuration** from the menu.

Step 5:

Select **network interfaces** from the menu.

Step 6:

From the **network interfaces selection**, select **change / show characteristics of a network interface**

Step 7:

Move the cursor to desired network interface.

Step 8:

Move down to "**current state**", press <Tab> key until "**down**," and press <Enter>. Then press tab key till "**detach**" press <Enter>.

Step 9:

Press <F10>

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3.2.2 *Change Host File*

Step 1:

Get the Host file:

```
cd /etc
```

Step 2:

Edit the Host file:

```
vi hosts
```

Step 3:

Find the host name that you are working on and change the IP address.

3.2.3 *Clear the Routing Tables*

Step 1:

Bring up the configuration menu:

```
smitty tcpip
```

Step 2:

Select **further configuration** from the menu.

Step 3:

Select **static routes** from the menu.

Step 4:

Select **flush routing table** from the menu.

Step 5:

Press <F10>

3.2.4 *Change the IP Address*

Step 1:

Bring up the configuration menu:

```
smitty tcpip
```

Step 2:

Select **minimum configuration & startup** from the menu.

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Step 3:

Move the cursor to desired network interface.

Step 4:

Change to new IP address

Step 5:

Check gateway, netmask and nameserver address and make sure they are correct.

Step 6:

Press <F10>

Step 7:

Ping out to another server to see if you are on the network.

3.2.5 Remount File System

Step 1:

Mount file systems:

```
mount -a
```

4. NOTES

4.1 Revision History

Date	Revision	CR No.	Description	Author
1/2/2001	1 st Draft		Initial Draft	Terry Mayer

4.2 Diagram

Not Applicable
